

10/552942

PCT/IB2004/001130  
Rudolph BÜHRMANN  
Attorney Docket No. 02655.0040

JC20 Rec'd PCT/PTO 14 OCT 2005

ANNEXES TO THE

**PRELIMINARY EXAMINATION REPORT**

**(ARTICLE 34 AMENDMENTS)**

**MAIL STOP PCT**

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Sir:

**REQUEST FOR SUBSTITUTION OF REPLACEMENT SHEETS**

Please substitute the attached replacement sheets 10-12 of the claims of the Article 34 Amendments for substitution sheets 10-11 of the claims in the enclosed as-filed PCT application. It is respectfully requested that the claims in the substitute sheets be examined during examination of the patent application. Claims 1-15 are currently pending.

Respectfully submitted,

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Dated: October 14, 2005

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ASG/FPD/sci

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CLAIMS**10/552942**  
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1. An apparatus (2) for movement of an oscillating member along a rail (4) under backward and forward oscillations of the member, comprising a support (6) securable to the oscillating member and guided for movement relative to the rail (4), the support (6) providing a first fulcrum (8) and a first biasing means (10) spaced apart along the length of a lever (18), the lever (18) having a rail engaging formation (20) spaced along its length from the first fulcrum (8), the first biasing means (10) resiliently biasing the lever (18) about the first fulcrum (8) for the engaging formation (20) to grip the rail (4) resisting movement in a backward direction, and the resilient bias of first biasing means (10) selected to be overcome for engaging formation (20) to release the rail (4) for movement in a forward direction.
2. An apparatus (2) as claimed in claim 1, characterized in that the first fulcrum (8) provides a second biasing means (48) that resiliently biases the lever (18) about a second fulcrum (50) provided by the support (6) for movement in the backward direction.
3. An apparatus (2) as claimed in claim 2, characterized in that the fulcrums (8, 50) engage the lever (18) between their respective biasing means (10, 48) and the engaging formation (20) of the lever (18).
4. An apparatus (2) as claimed in claim 2 or 3, characterized in that the first biasing means (10) and second biasing means (48) are piston and cylinder assemblies with the pistons (34, 36) contacting the lever (18).
5. An apparatus (2) as claimed in claim 4, characterized in that the piston and cylinder assemblies are hydraulic or pneumatic.
6. An apparatus (2) as claimed in claim 5, characterized in that the piston and cylinder assemblies are each connected to a pressurized fluid source (44) with the effective area of the piston (34) and cylinder (30) of the first

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biasing means (10) greater than that of the piston (36) and cylinder (32) of the second biasing means (48) and a control valve provided between the first biasing means (10) and fluid source (44).

5        7.    An apparatus (2) as claimed in any one of claims 4 to 6, characterized in that the lever (18) has outwardly curved formations (18A, 18B) which are respectively engaged by the pistons (36, 34).

10       8.    An apparatus (2) as claimed in any one of the preceding claims, characterized in that the engaging formation is a passage (20) through the lever (18).

15       9.    An apparatus (2) as claimed in any one of the preceding claims, characterized in that the engaging formation (20) is provided as a yoke engageable onto the rail (4).

10       10.   An apparatus (2) as claimed in any one of the preceding claims, characterized in that the rail (4) has a rectangular cross section.

20       11.   An apparatus (2) as claimed in any of the preceding claims, characterized in that the engaging formation (20) provides a pair of parallel opposed line contact points (23A, 23B; 25A, 25B) locatable on opposite sides of the rail (4) and spaced apart along the length of the rail (4).

25       12.   An apparatus (2) as claimed in any one of claims 1 to 10, characterized in that the engaging formation (20) provides a pair of opposed engaging surfaces (22A, 22B; 24A, 24B) that are transversely inclined relative to the axis of the lever (18), locatable on opposite sides of the rail (4) and offset along the length of the rail (4).

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13.    An apparatus (2) as claimed in any one of the preceding claims, characterized in that it is for movement of a percussion drill along the rail.

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14. An apparatus (2) as claimed in claim 13, characterized in that the support (6) is a carriage whereon a percussion drill is secured.

5 15. An apparatus (2) as claimed in claim 12, characterized in that the support (6) is integral with a casing of a percussion drill.

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